

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	36005	(waveguide\$1 (wave near1 guid\$3))	USPAT	2002/12/17 15:53			0
2	BRS	16822	(waveguides (wave near1 guides))	USPAT	2002/12/17 17:08			0
3	BRS	64170	coupler\$1	USPAT	2002/12/17 15:54			0
4	BRS	2799	((waveguides (wave near1 guides)) ) same coupler\$1	USPAT	2002/12/17 17:23			0
5	BRS	903843	taper\$3 concav\$3 curv\$3 inward\$1	USPAT	2002/12/17 18:29			0
6	BRS	6033	(taper\$3 concav\$3 curv\$3 inward\$1) same coupler\$1	USPAT	2002/12/17 16:03			0
7	BRS	18	(taper\$3 concav\$3 curv\$3 inward\$1) same ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)	USPAT	2002/12/17 16:02			0
8	BRS	31	((taper\$3 concav\$3 curv\$3 inward\$1) same coupler\$1) and ((waveguides (wave near1 guides)) ) and ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)	USPAT	2002/12/17 16:20			0
9	BRS	18	((taper\$3 concav\$3 curv\$3 inward\$1) same ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)) and ((waveguide\$1 (wave near1 guid\$3)) )	USPAT	2002/12/19 11:15			0

	Type	Hits	Search Text	DBs	Time Stamp	Com mm en ts	Er ro r De fi ni ti on	Er ro rs
10	BRS	18	((taper\$3 concav\$3 curv\$3 inward\$1) same coupler\$1) and ((waveguides (wave near1 guides)) ) and ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)) and (((taper\$3 concav\$3 curv\$3 inward\$1) same ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)) and ((waveguide\$1 (wave near1 guid\$3)) ))	USPAT	2002/12/17 16:04			0
11	BRS	13	((taper\$3 concav\$3 curv\$3 inward\$1) same coupler\$1) and ((waveguides (wave near1 guides)) ) and ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)) not (((taper\$3 concav\$3 curv\$3 inward\$1) same coupler\$1) and ((waveguides (wave near1 guides)) ) and ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)) and (((taper\$3 concav\$3 curv\$3 inward\$1) same ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)) and ((waveguide\$1 (wave near1	USPAT	2002/12/17 16:28			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
12	BRS	31	((taper\$3 concav\$3 curv\$3 inward\$1) same coupler\$1) and ((waveguides (wave near1 guides)) ) and ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)) ((taper\$3 concav\$3 curv\$3 inward\$1) same ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1))	USPAT	2002/12/17 16:28			0
13	BRS	76	((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1) and ((waveguides (wave near1 guides)) )	USPAT	2002/12/17 16:29			0
14	BRS	58	((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1) and ((waveguides (wave near1 guides)) ) not ((taper\$3 concav\$3 curv\$3 inward\$1) same ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1))	USPAT	2002/12/17 16:56			0
15	BRS	139	coupler\$1 near11 (thin\$3 curv\$3 taper\$3 concav\$3 cave\$3 inward\$1) near7 wall\$1	USPAT	2002/12/17 16:59			0
16	BRS	5695	(mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) (interference near7 coupl\$3) ((mach adj1 zender\$3) mzi) adj5 coupl\$3)	USPAT	2002/12/17 17:05			0

	Type	Hits	Search Text	DBs	Time Stamp	Com ments	Er ro r De fi ni ti on	Er ro rs
17	BRS	4	(coupler\$1 near11 (thin\$3 curv\$3 taper\$3 concav\$3 cave\$3 inward\$1) near7 wall\$1) and ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) (interference near7 coupl\$3) (((mach adj1 zender\$3) mzi) adj5 coupl\$3))	USPAT	2003/06/30 17:33			0
18	BRS	4630	((mmi ((multimode (multi adj1 mode)) near2 (interfer\$7))) near5 coupl\$4) (interference near7 coupl\$3) (((mach adj1 zender\$3) mzi) adj5 coupl\$3))	USPAT	2002/12/17 17:06			0
19	BRS	281	((waveguides (wave near1 guides)) ) same coupler\$1) and (((mmi ((multimode (multi adj1 mode)) near2 (interfer\$7))) near5 coupl\$4) (interference near7 coupl\$3) (((mach adj1 zender\$3) mzi) adj5 coupl\$3))	USPAT	2002/12/17 17:09			0
20	BRS	1561	((waveguides (wave near1 guides)) ) near6 coupler\$1	USPAT	2002/12/17 17:08			0
21	BRS	182	((waveguides (wave near1 guides)) ) near6 coupler\$1) and (((mmi ((multimode (multi adj1 mode)) near2 (interfer\$7))) near5 coupl\$4) (interference near7 coupl\$3) (((mach adj1 zender\$3) mzi) adj5 coupl\$3))	USPAT	2002/12/17 17:09			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
22	BRS	60	((waveguides (wave near1 guides)) ) near6 coupler\$1) same (((mmi ((multimode (multi adj1 mode)) near2 (interfer\$7))) near5 coupl\$4) (interference near7 coupl\$3) (((mach adj1 zender\$3) mzi) adj5 coupl\$3)))	USPAT	2002/12/17 17:10			0
23	BRS	25	((((waveguides (wave near1 guides)) ) near6 coupler\$1) same (((mmi ((multimode (multi adj1 mode)) near2 (interfer\$7))) near5 coupl\$4) (interference near7 coupl\$3) (((mach adj1 zender\$3) mzi) adj5 coupl\$3))) not ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1)	USPAT	2002/12/17 17:10			0
24	BRS	85	(mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1	USPAT	2002/12/17 17:22			0
25	BRS	85	(mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1	USPAT	2004/05/17 12:55			0
26	BRS	1607	((waveguides (wave near1 guides)) ) same coupler\$1	EPO; JPO; DERWENT	2002/12/17 17:24			0
27	BRS	0	((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1 ) and (((waveguides (wave near1 guides)) ) same coupler\$1)	USPAT	2002/12/17 17:24			0

	Type	Hits	Search Text	DBs	Time Stamp	Co mm en ts	Er ro r De fi ni ti on	Er ro rs
28	BRS	4272	((waveguide\$1 (wave near1 guide\$1)) ) same coupler\$1	EPO; JPO; DERWENT	2002/12/17 17:24			0
29	BRS	0	((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1 ) and ((waveguide\$1 (wave near1 guide\$1)) ) same coupler\$1)	USPAT	2002/12/17 17:25			0
30	BRS	64170	coupler\$1	USPAT	2002/12/17 17:25			0
31	BRS	77487	coupler\$1	EPO; JPO; DERWENT	2002/12/17 17:26			0
32	BRS	0	((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1 ) and coupler\$1	USPAT	2002/12/17 17:26			0
33	BRS	53	(mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1	EPO; JPO; DERWENT	2004/05/17 12:55			0
34	BRS	4	("5953467" "6061481" "5970186" "5689597").pn.	USPAT	2002/12/17 18:28			0
35	BRS	4	("5953467" "6061481" "5970186" "5689597").pn.) and (taper\$3 concav\$3 curv\$3 inward\$1 shap\$4 length\$1)	USPAT	2002/12/17 18:30			0
36	BRS	4	("5953467" "6061481" "5970186" "5689597").pn.) and (taper\$3 concav\$3 curv\$3 inward\$1 shap\$4 length\$1 width\$1)	USPAT	2002/12/17 18:32			0

	Type	Hits	Search Text	DBs	Time Stamp	Cor mm en ts	Er ro r De fi ni ti on	Er ro rs
37	BRS	4	(("5953467" "6061481" "5970186" "5689597").pn.) and (taper\$3 concav\$3 curv\$3 inward\$1 shap\$4 length\$1 width\$1 parabolic hyperbolic elliptic\$5 sinusoidal\$4)	USPAT	2002/12/19 10:10			0
38	BRS	1	5953467.pn.	USPAT	2002/12/19 10:10			0
39	BRS	1	5953467.pn. and ((mmi ((multimode (multi adj1 mode)) (interfer\$7))) (interference near7 coupl\$3))	USPAT	2002/12/19 10:47			0
40	BRS	1	5953467.pn. and ((waveguide\$1 (wave near1 guid\$3)) same input\$3)	USPAT	2002/12/19 10:59			0
41	BRS	1	5953467.pn. and (axi\$3 path\$1 wall walls sidewall\$2 width\$1 along\$4 long\$4)	USPAT	2002/12/19 11:01			0
42	BRS	1	5953467.pn. and (taper\$3 concav\$3 curv\$3 inward\$1 shap\$4 length\$1 width\$1 parabolic hyperbolic elliptic\$5 sinusoidal\$4)	USPAT	2002/12/19 12:06			0
43	BRS	1	5689597.pn. and (taper\$3 concav\$3 curv\$3 inward\$1 shap\$4 length\$1 width\$1 parabolic hyperbolic elliptic\$5 sinusoidal\$4 smal\$3 larg\$3 maxim\$5 minim\$5 enalrg\$4 big\$3)	USPAT	2002/12/19 12:08			0
44	BRS	1	5689597.pn.	USPAT	2003/06/30 12:47			0
45	BRS	1	5689597.pn. and (intens\$5)	USPAT	2002/12/19 16:06			0
46	BRS	1	5689597.pn. and ((intens\$5) same (half twice onehalf '1/2' between control\$4))	USPAT	2002/12/19 16:12			0

	Type	Hits	Search Text	DBs	Time Stamp	Com mm en ts	Er ro r De fi ni ti on	Er ro rs
47	BRS	1	5689597.pn. and ((intens\$5) same (half twice onehalf '1/2' between control\$4'50' ratio\$1))	USPAT	2002/12/19 16:15			0
48	BRS	1	5689597.pn. and ((intens\$5) same (half twice onehalf '1/2' between control\$4 '50' ratio\$1))	USPAT	2002/12/19 16:48			0
49	BRS	2	("4362357" "5048909").pn.	USPAT	2002/12/19 16:49			0
50	BRS	1	5689597.pn.	USPAT	2003/06/30 12:47			0
51	BRS	1	5689597.pn. and (taper\$4 \$4linear linear\$5 nonlinear\$4)	USPAT	2003/06/30 12:58			0
52	BRS	1	5953467.pn.	USPAT; US-PGPU B	2003/06/30 12:58			0
53	BRS	1	5953467.pn. and (taper\$4 \$4linear linear\$5 nonlinear\$4)	USPAT	2003/06/30 12:58			0
54	BRS	72	(mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1	EPO; JPO; DERWENT	2003/06/30 17:32			0
55	BRS	4	(coupler\$1 near11 (thin\$3 curv\$3 taper\$3 concav\$3 cave\$3 inward\$1) near7 wall\$1) and ((mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) (interference near7 coupl\$3) (((mach adj1 zender\$3) mzi) adj5 coupl\$3))	USPAT	2004/05/17 12:55			0
56	BRS	102	(mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1	EPO; JPO; DERWENT	2004/05/17 12:55			0
57	BRS	356	(mmi ((multimode (multi adj1 mode)) near7 (interfer\$7))) near7 coupler\$1	USPAT; US-PGPU B	2004/05/17 12:55			0



	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
58	BRS	2	("5953467" "5689597").pn.	USPAT; US-PGPU B	2004/05/17 13:59			0
59	BRS	2	(("5953467" "5689597").pn.) and (imag\$4)	USPAT; US-PGPU B	2004/05/17 14:00			0
60	BRS	2	(("5953467" "5689597").pn.) and (imag\$4 same (angl\$3 tilt\$4 waveguide\$1 fiber\$1))	USPAT; US-PGPU B	2004/05/17 14:50			0